

Case No. : GTS20221124022-1-3	
Ambient Condition: 25 °C, 45 %RH, Atmos100.1Kpa,	
Test Date: 2022.12.08	Test Engineer: Jenny zeng

Appendix C.1: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	10.080	2406.960	2417.040	0.5	PASS
		2437	10.080	2431.960	2442.040	0.5	PASS
		2462	10.080	2456.960	2467.040	0.5	PASS
11G	Ant1	2412	14.600	2405.120	2419.720	0.5	PASS
		2437	14.040	2430.480	2444.520	0.5	PASS
		2462	14.960	2454.560	2469.520	0.5	PASS
11N20SISO	Ant1	2412	12.400	2406.760	2419.160	0.5	PASS
		2437	16.920	2428.840	2445.760	0.5	PASS
		2462	17.520	2453.240	2470.760	0.5	PASS
11N40SISO	Ant1	2422	28.480	2406.960	2435.440	0.5	PASS
		2437	29.840	2420.680	2450.520	0.5	PASS
		2452	31.280	2435.680	2466.960	0.5	PASS
11AX20SISO	Ant1	2412	15.000	2404.520	2419.520	0.5	PASS
		2437	15.840	2429.480	2445.320	0.5	PASS
		2462	15.120	2454.440	2469.560	0.5	PASS
11AX40SISO	Ant1	2422	32.560	2406.960	2439.520	0.5	PASS
		2437	35.440	2419.480	2454.920	0.5	PASS
		2452	35.040	2434.480	2469.520	0.5	PASS



11G_Ant1_2412



11G_Ant1_2437



11G_Ant1_2462



11N20SISO_Ant1_2412



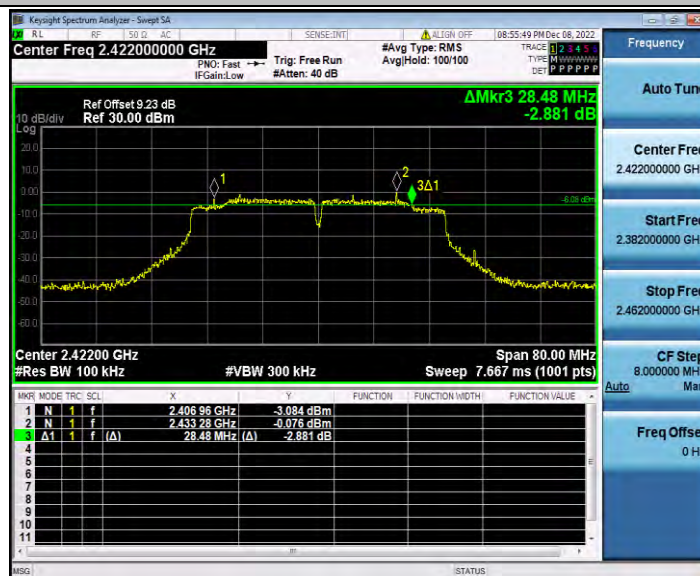
11N20SISO_Ant1_2437



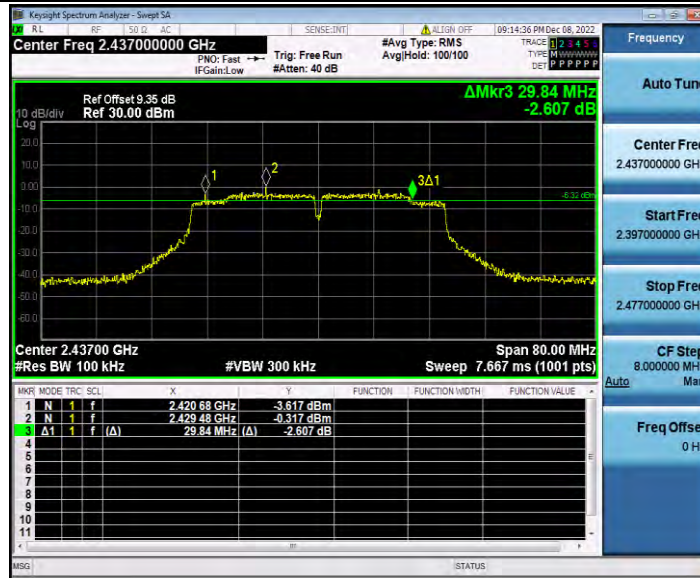
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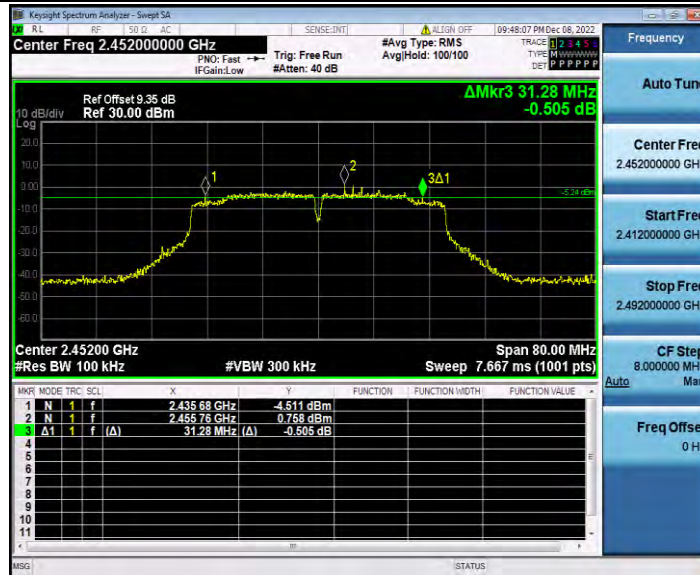
11N40SISO_Ant1_2422



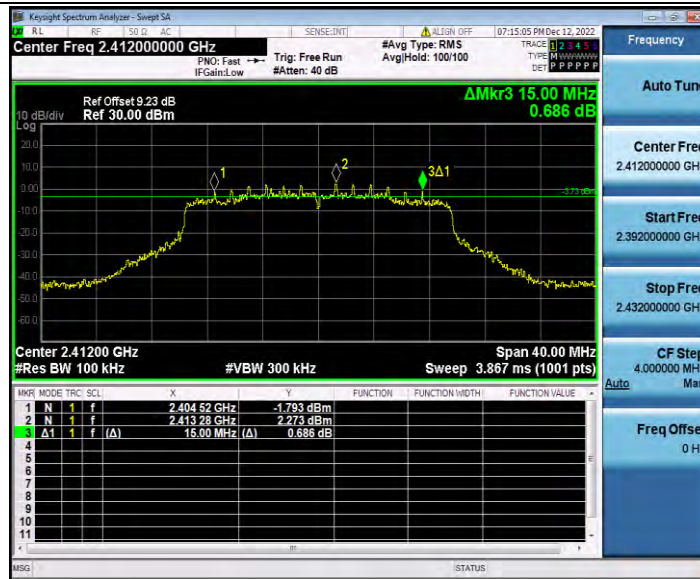
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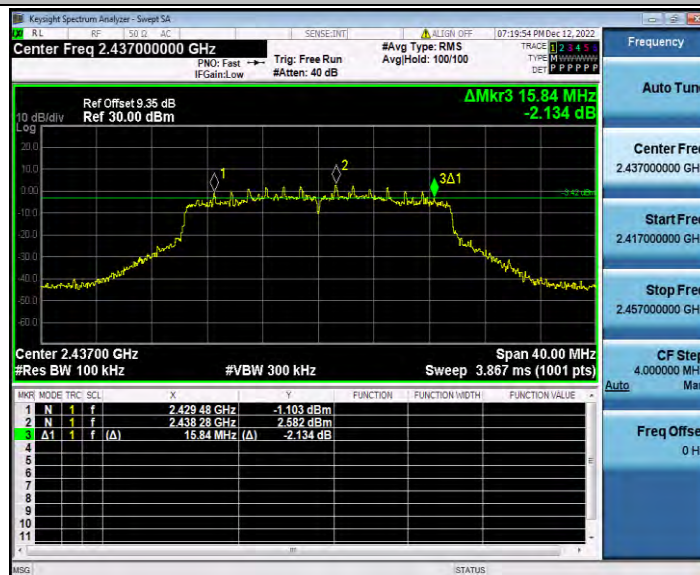
11N40SISO_Ant1_2452



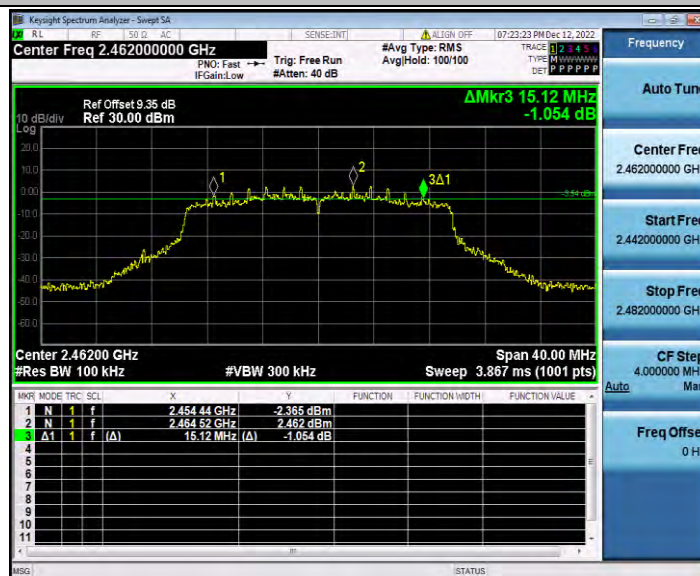
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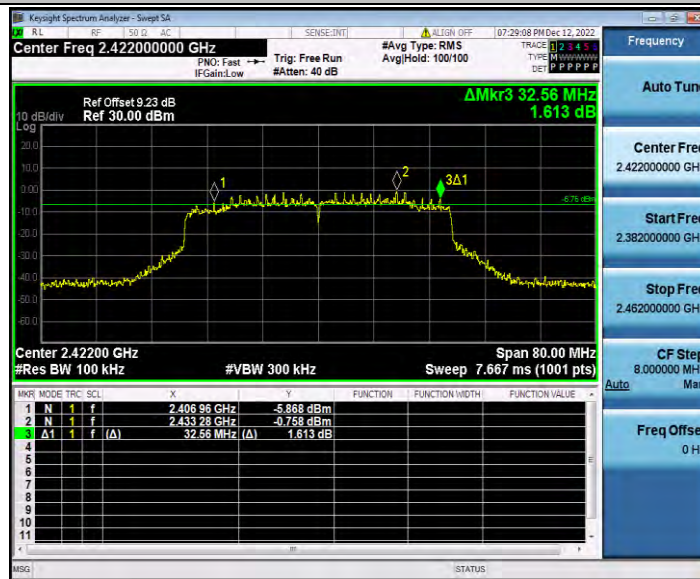
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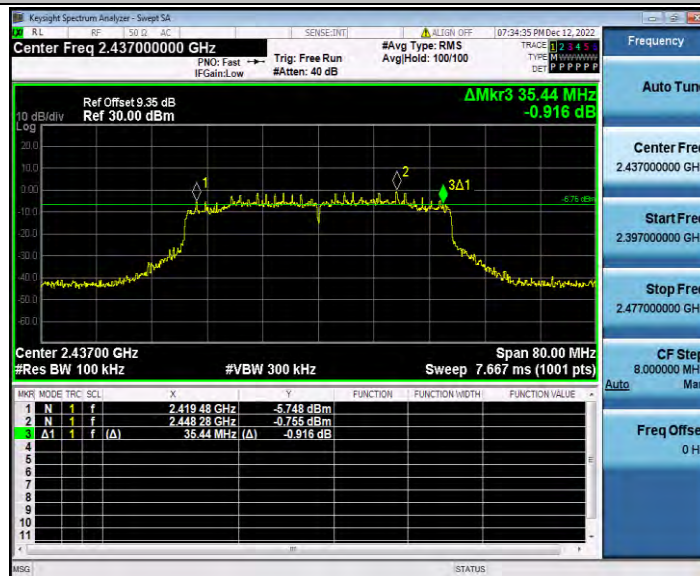
11AX20SISO_Ant1_2462



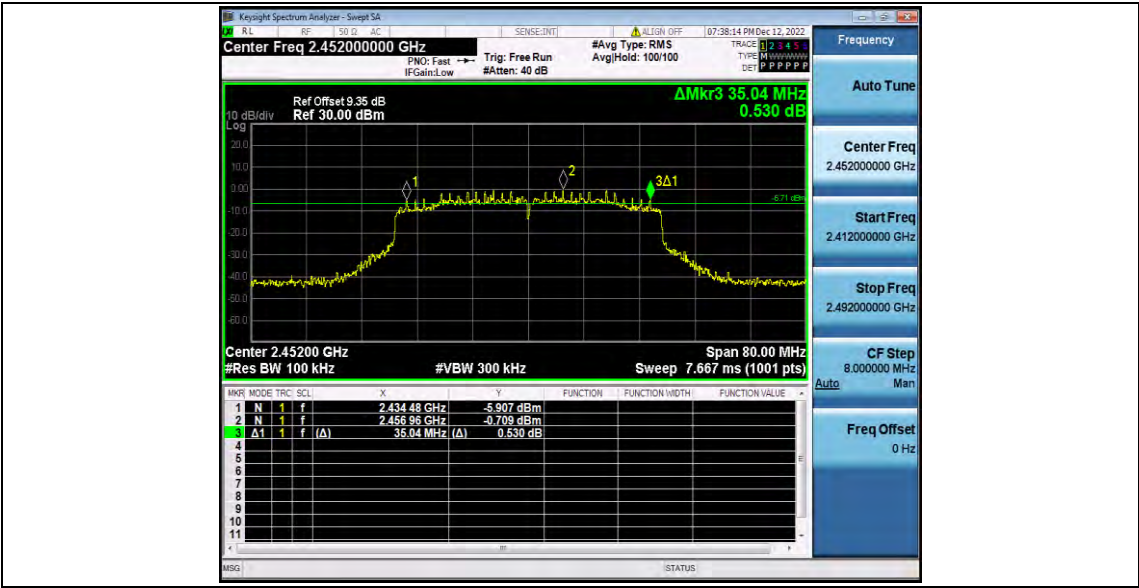
11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452



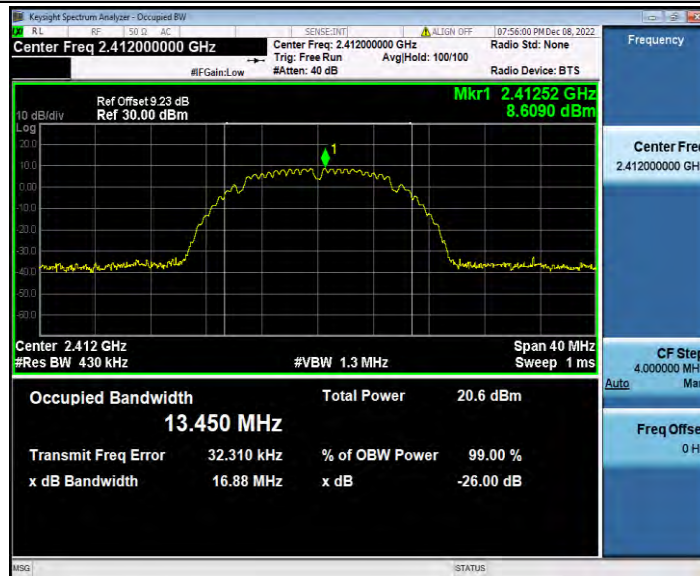
Appendix C.2: Occupied Channel Bandwidth

Test Result

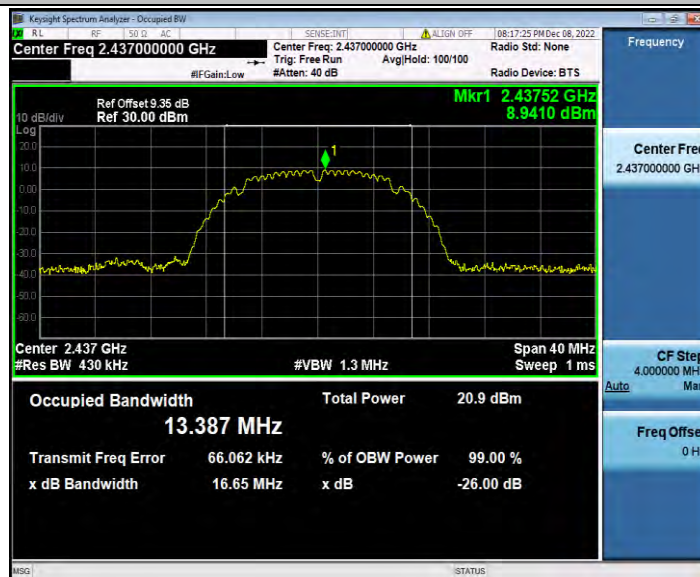
TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	13.450	2405.307	2418.757	---	---
		2437	13.387	2430.373	2443.760	---	---
		2462	13.375	2455.305	2468.680	---	---
11G	Ant1	2412	16.892	2403.555	2420.447	---	---
		2437	16.954	2428.597	2445.551	---	---
		2462	16.823	2453.528	2470.351	---	---
11N20SISO	Ant1	2412	17.934	2403.072	2421.006	---	---
		2437	17.916	2428.095	2446.011	---	---
		2462	17.933	2453.042	2470.975	---	---
11N40SISO	Ant1	2422	36.165	2403.862	2440.027	---	---
		2437	36.021	2418.966	2454.987	---	---
		2452	35.989	2434.034	2470.023	---	---
11AX20SISO	Ant1	2412	18.962	2402.555	2421.517	---	---
		2437	19.000	2427.527	2446.527	---	---
		2462	18.986	2452.507	2471.493	---	---
11AX40SISO	Ant1	2422	37.556	2403.319	2440.875	---	---
		2437	37.728	2418.227	2455.955	---	---
		2452	37.435	2433.320	2470.755	---	---

Test Graphs

11B_Ant1_2412



11B_Ant1_2437



11B_Ant1_2462



11G_Ant1_2412



11G_Ant1_2437



11G_Ant1_2462



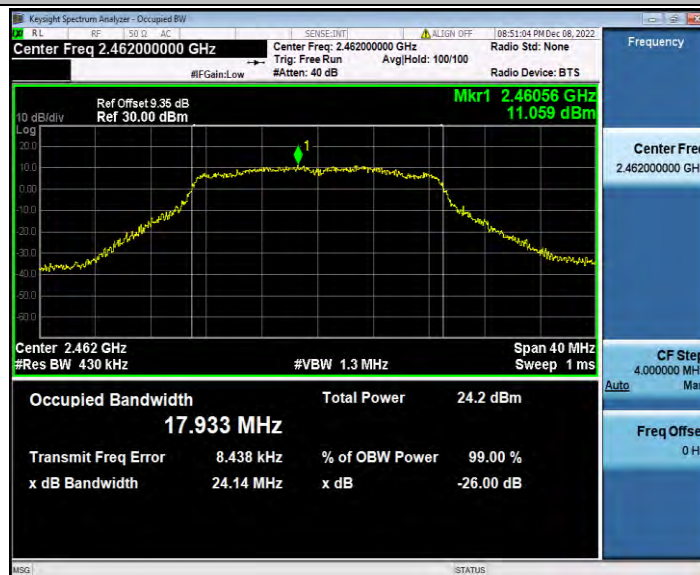
11N20SISO_Ant1_2412



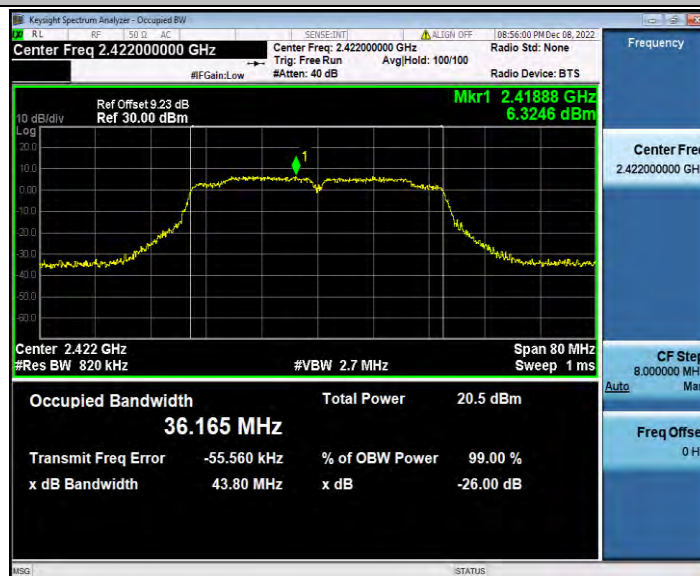
11N20SISO_Ant1_2437



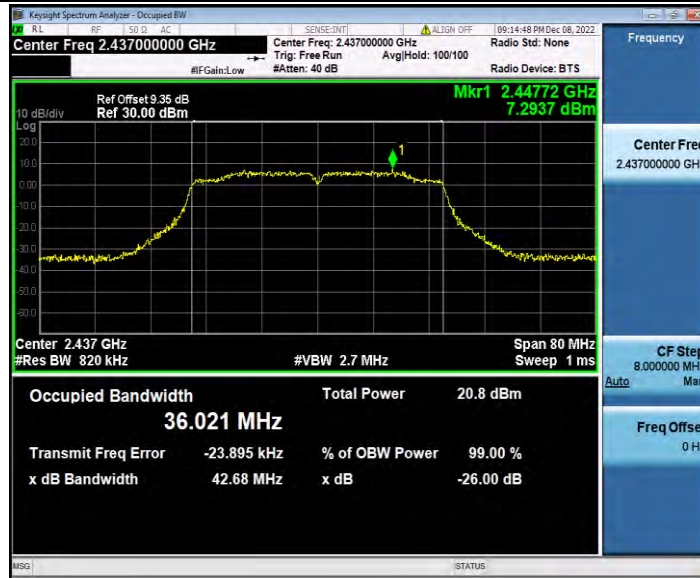
11N20SISO_Ant1_2462



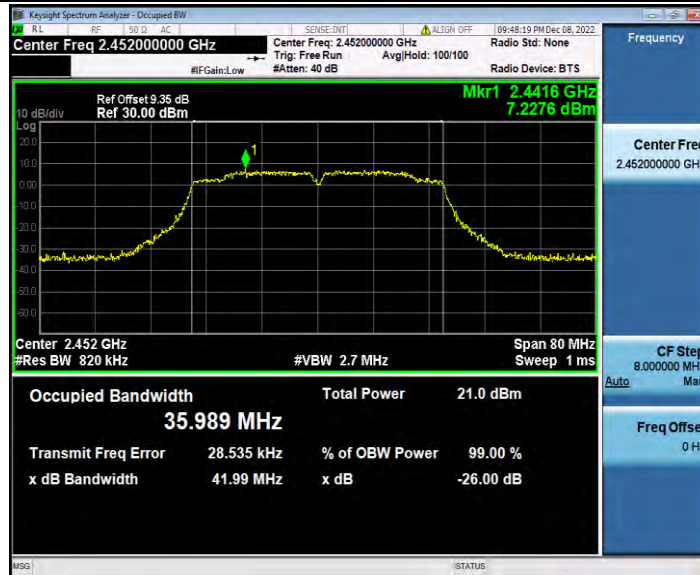
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



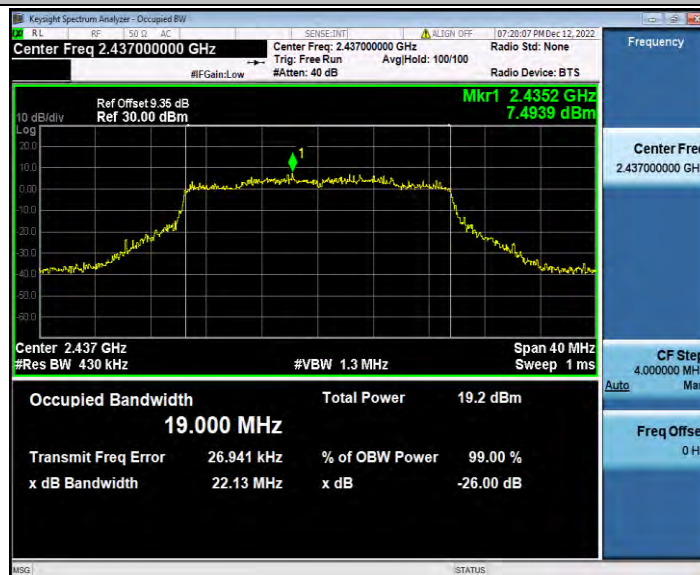
11N40SISO_Ant1_2452



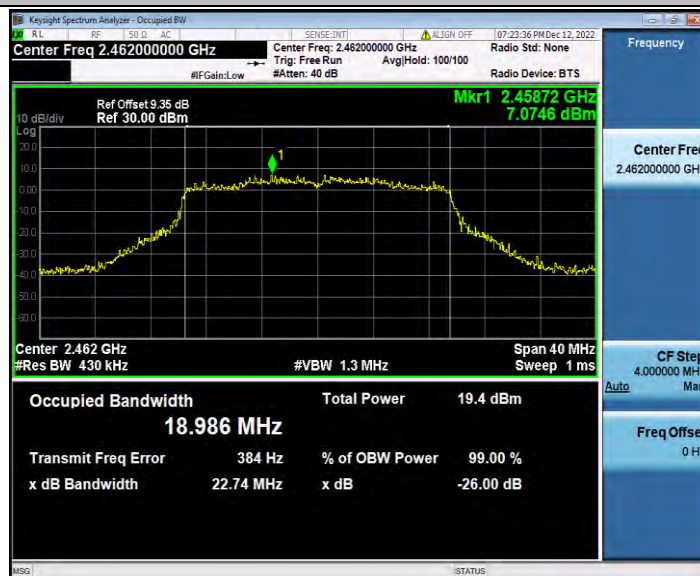
11AX20SISO_Ant1_2412



11AX20SISO_Ant1_2437



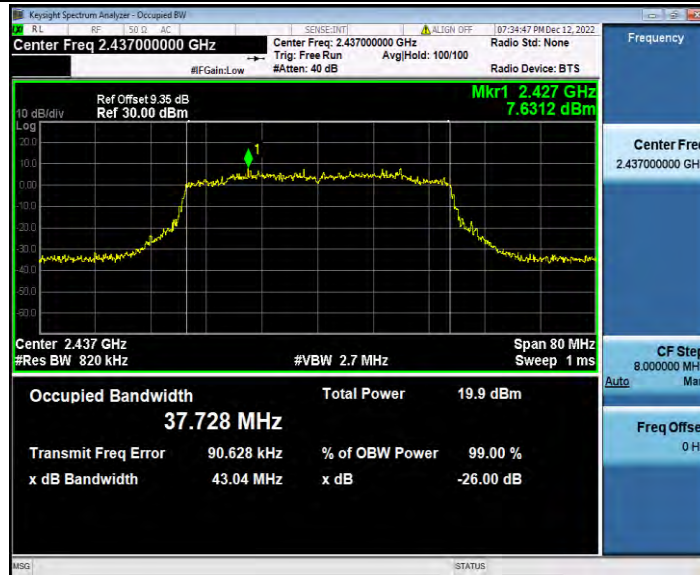
11AX20SISO_Ant1_2462



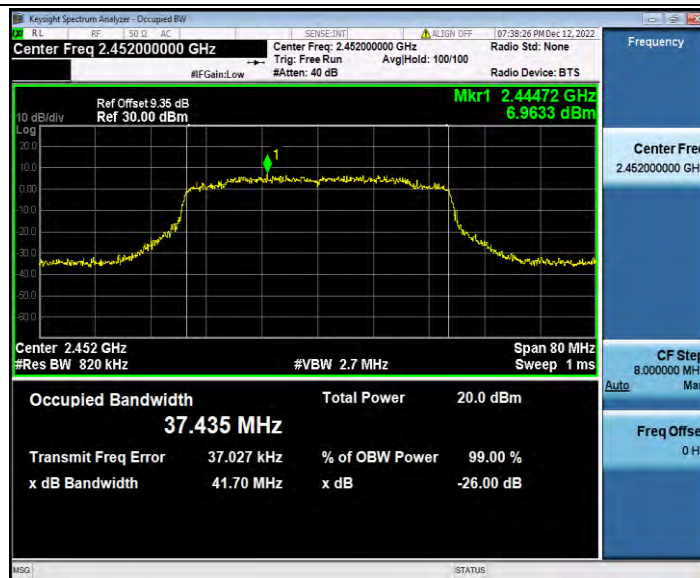
11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452



Appendix C.3: Maximum conducted output power

Test Result Peak

TestMode	Antenna	Frequency[MHz]	Peak Power[dBm]	Conducted Limit[dBm]	Verdict
11B	Ant1	2412	20.58	≤30.00	PASS
		2437	20.94	≤30.00	PASS
		2462	21.52	≤30.00	PASS
11G	Ant1	2412	24.23	≤30.00	PASS
		2437	24.72	≤30.00	PASS
		2462	25.30	≤30.00	PASS
11N20SISO	Ant1	2412	24.13	≤30.00	PASS
		2437	24.00	≤30.00	PASS
		2462	25.19	≤30.00	PASS
11N40SISO	Ant1	2422	20.81	≤30.00	PASS
		2437	21.03	≤30.00	PASS
		2452	21.20	≤30.00	PASS
11AX20SISO	Ant1	2412	19.44	≤30.00	PASS
		2437	19.75	≤30.00	PASS
		2462	20.07	≤30.00	PASS
11AX40SISO	Ant1	2422	19.90	≤30.00	PASS
		2437	20.00	≤30.00	PASS
		2452	19.82	≤30.00	PASS

Appendix C.4: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-6.4	≤8.00	PASS
		2437	-5.88	≤8.00	PASS
		2462	-5.61	≤8.00	PASS
11G	Ant1	2412	-7.45	≤8.00	PASS
		2437	-6.59	≤8.00	PASS
		2462	-6.52	≤8.00	PASS
11N20SISO	Ant1	2412	-7.29	≤8.00	PASS
		2437	-10.02	≤8.00	PASS
		2462	-7.26	≤8.00	PASS
11N40SISO	Ant1	2422	-13.51	≤8.00	PASS
		2437	-13.35	≤8.00	PASS
		2452	-14.11	≤8.00	PASS
11AX20SISO	Ant1	2412	-14.47	≤8.00	PASS
		2437	-13.23	≤8.00	PASS
		2462	-12.92	≤8.00	PASS
11AX40SISO	Ant1	2422	-17.03	≤8.00	PASS
		2437	-16.24	≤8.00	PASS
		2452	-15.84	≤8.00	PASS

Test Graphs

11B_Ant1_2412



11B_Ant1_2437



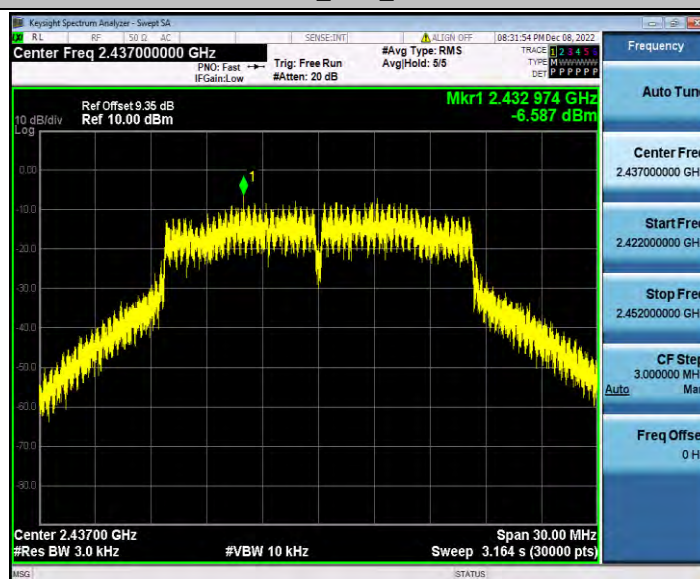
11B_Ant1_2462



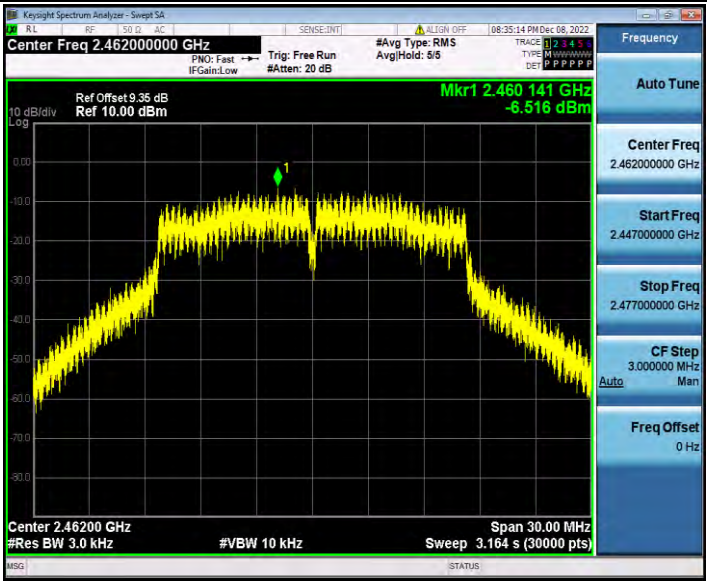
11G_Ant1_2412



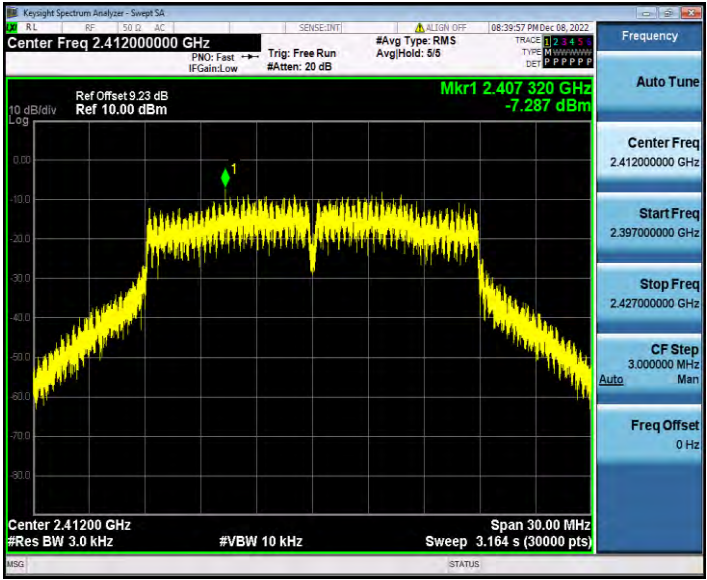
11G_Ant1_2437



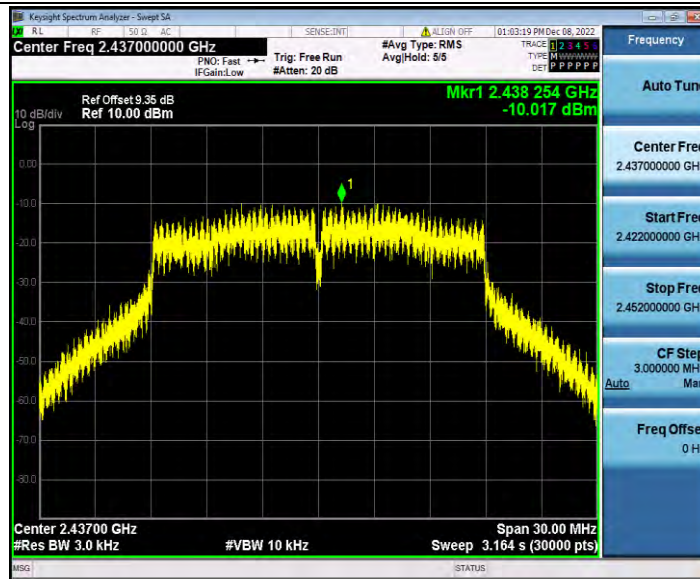
11G_Ant1_2462



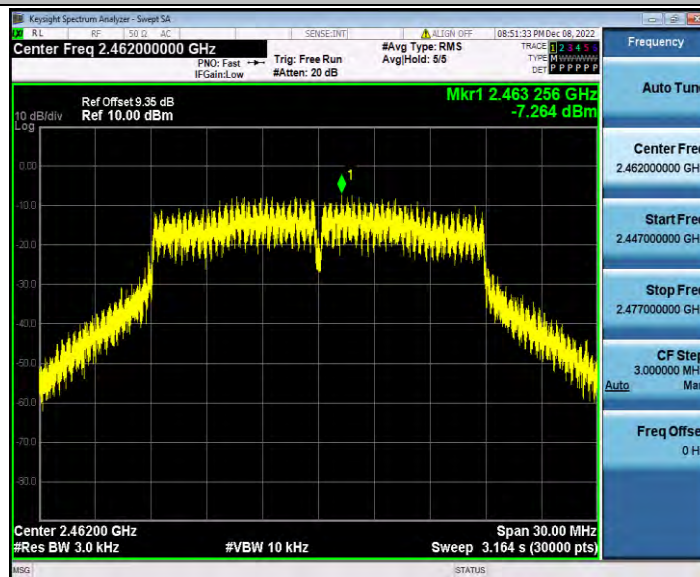
11N20SISO_Ant1_2412



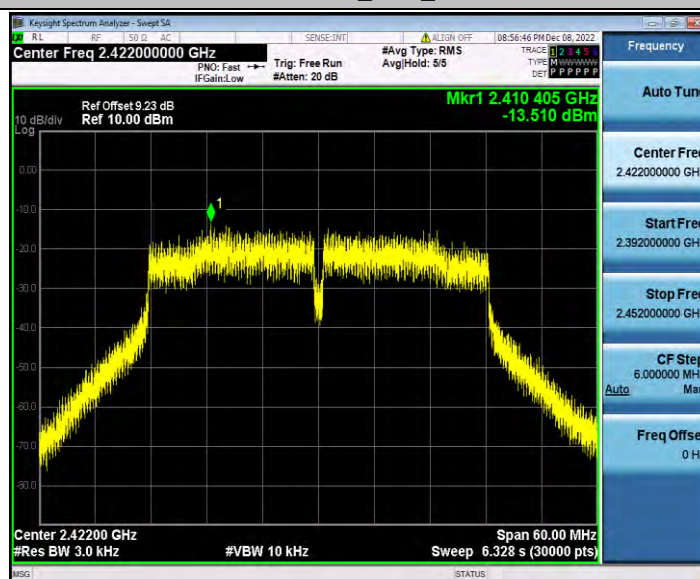
11N20SISO_Ant1_2437



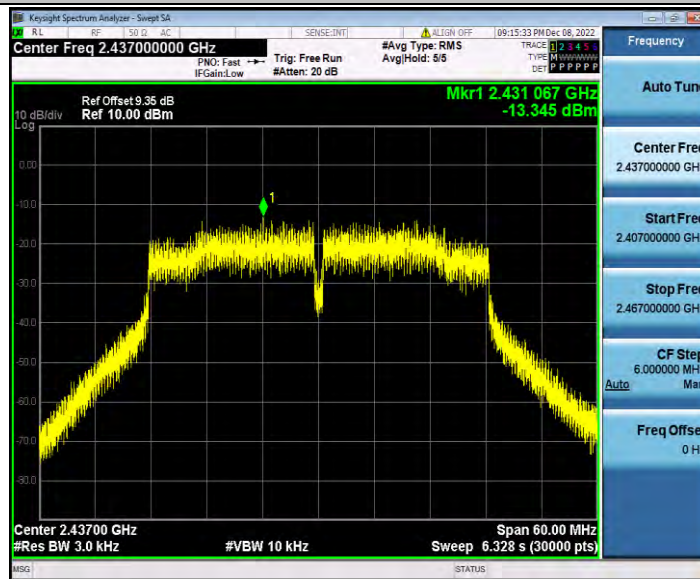
11N20SISO_Ant1_2462



11N40SISO_Ant1_2422



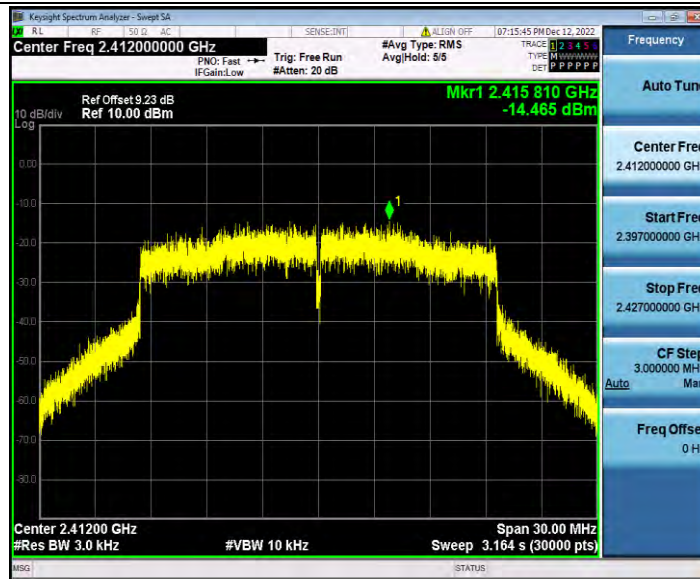
11N40SISO_Ant1_2437



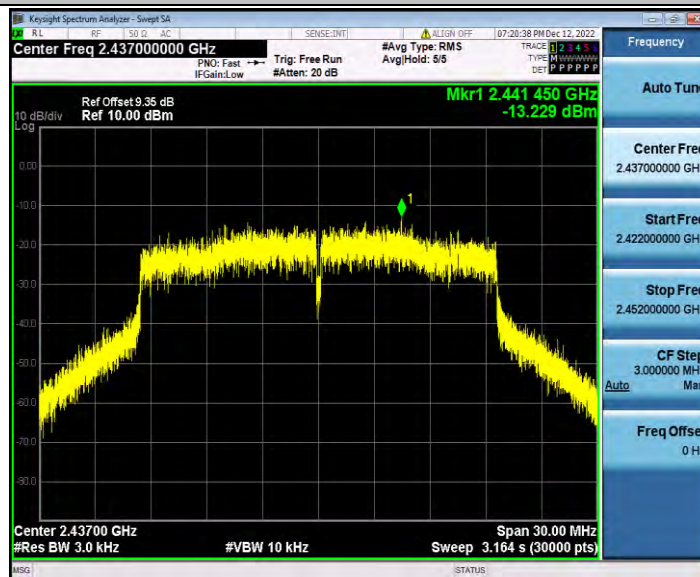
11N40SISO_Ant1_2452



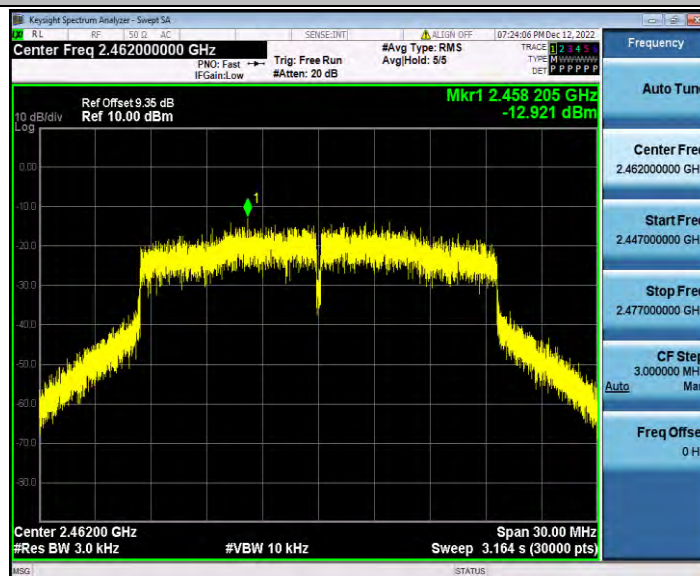
11AX20SISO_Ant1_2412



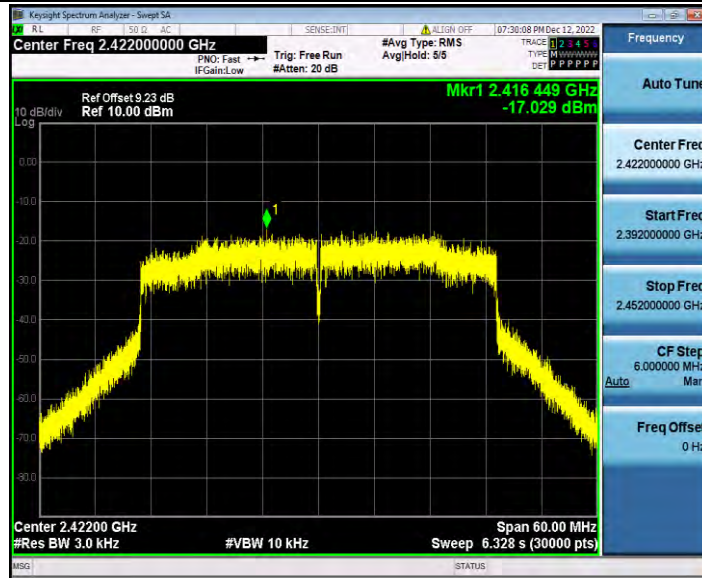
11AX20SISO_Ant1_2437



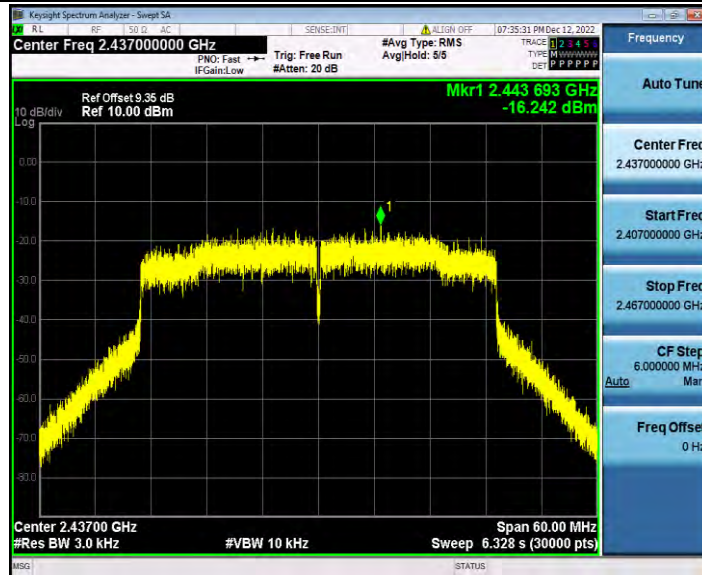
11AX20SISO_Ant1_2462



11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452

